

CLAIMS

1. An indoor unit (1) of an air conditioner comprising:
a casing (2) including an outlet (20) through which air is blown into a room;
a flap (3) that is disposed so as to freely open and close the outlet (20) and guides the
5 air blown out through the outlet (20); and
a front panel (4) which, in a closed state, covers at least part of the casing (2) and at
least one end of the flap (3) closing the outlet (20).
2. The indoor unit (1) of an air conditioner of claim 1, wherein the flap (3) has a long
and narrow shape, and the front panel (4) covers at least one end that forms a long side of the
10 flap (3).
3. The indoor unit (1) of an air conditioner of claim 1 or 2, wherein a gap (G) is
disposed between the casing (2) and the flap (3) closing the outlet (20), and the front panel (4)
covers the gap (G) in the closed state.
4. The indoor unit (1) of an air conditioner of any of claims 1 to 3, wherein the outlet
15 (20) is disposed in a lower portion of the casing (2), and the front panel (4) overlaps at least
an upper end of the flap (3) in the closed state.
5. The indoor unit (1) of an air conditioner of any of claims 1 to 4, wherein in the
closed state, the front panel (4) covers at least one end of the flap (3) and an inlet (21) through
which air is taken into the casing (2).
- 20 6. The indoor unit (1) of an air conditioner of claim 5, wherein the front panel (4)
includes a first panel portion (41) that covers at least one end of the flap (3) and a second
panel portion (42) that covers the inlet (21), and the first panel portion (41) and the second
panel portion (42) are integrated.
7. The indoor unit (1) of an air conditioner of claim 6, wherein the casing (2) includes
25 a first casing surface (23) in which the outlet (20) is disposed, and
a second casing surface (24) in which the inlet (21) is disposed and which forms a
predetermined angle with respect to the first casing surface (23),
and the first panel portion (41) and the second panel portion (42) are integrated at the
predetermined angle so as to follow the first casing surface (23) and the second casing surface
30 (24) in the closed state.
8. The indoor unit (1) of an air conditioner of claim 7, wherein the front panel (4) opens
the outlet (20) and the inlet (21) as a result of the first panel portion (41) moving along the
first casing surface (23) and the second panel portion (42) moving away from the second
casing surface (24).

9. The indoor unit (1) of an air conditioner of claim 8, wherein the first panel portion (41) blocks the space between the second panel portion (42) and the second casing surface (24) in an open state where the front panel (4) opens the outlet (20) and the inlet (21).
10. The indoor unit (1) of an air conditioner of any of claims 1 to 9, wherein the outlet (20) has a shape that is long and narrow in a width (W) direction of the casing (2), and the front panel (4) has a shape that is longer than the outlet (20) in the width (W) direction.
11. The indoor unit (1) of an air conditioner of claim 10, wherein the front panel (4) has a width (W) that is substantially the same as the width (W) of the casing (2).
12. The indoor unit (1) of an air conditioner of any of claims 1 to 11, wherein the front panel (4) does not include a seam extending in a vertical direction when seen in front view.
13. The indoor unit (1) of an air conditioner of any of claims 1 to 12, wherein the front panel (4) covers the entire flap (3).
14. An indoor unit (1) of an air conditioner comprising:
a casing (2) including an outlet (20) through which air is blown into a room;
a flap (3) that is disposed so as to freely open and close the outlet (20) and guides the air blown out through the outlet (20); and
a front panel (4) which, in a closed state, covers the space between the casing (2) and the flap (3) closing the outlet (20).
15. The indoor unit (1) of an air conditioner of claim 14, wherein the flap (3) covers a lower portion of the outlet (20) in the closed state, and the front panel (4) covers an upper portion of the outlet (20) in the closed state.
16. The indoor unit (1) of an air conditioner of claim 14 or 15, wherein the front panel (4) in the closed state covers one end of the flap (3) when seen in front view.